ALBANIAMONSOON TIME SCALE

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ABSTRACT: Albania has a high number of climate regions relative to its land mass. The Coastal lowlands have typically Mediterranean climate, the highlands have a Mediterranean condimental climate. In both the lowlands and the interior, the weather varies markedly from north to south with its coastline facing the Adriatic and lonian seas, its highland backed upon the elevated balkam landmass, and the entire country lying at latitude subject to a variety of weather patterns during the winter and summer seasons.

Rainfall in the upland mountain ranges is heavier.

Albania has a Mediterranean climate, with not, dry summers and cool, wet winters in the low land. In the high lands, snow can fall from November until March, mountain tours are very cold at this time of year.

The natural disasters risks to Albania is prone include earth quakes, torrential floods, dam burst floods, droughts, tsunamis etc., Heavy rains in Albania are problems and flooding resulting from heavy rains has blocked roads etc.,

Albania has a high number of climatic regions for so small an area. The coastal lowlands have typically Mediterranean dominated weather; the highlands have a more continental influenced climate. In both the low lands and interior, the weather varies from north to south.

Average precipitate an is heavy, the heaviest rain falls in the central uplands. Vertical currents initiated when the Mediterranean air is uplifted also cause frequent thunderstorms accompanied by high local winds and torrential down pours.

Strong wind system from the Indian Ocean flowing in the north east in the summer, southwest in the winter, annual season marked by strong winds and heavy rains. Major wind system that seasonally reverses its direction.

KEY WORDS: Albania Monsoon Time Scale,

INTRODUCTION:

By establishing the AlbaniaMonsoon Time Scale and maintain , the country can be estimated the impending weather conditions and natural calamities rains, floods, droughts and winds etc in advance. Surface water resources can stil be found.

ALBANIAMONSOON TIME SCALE:

Albaniamonsoon does not mean that Albaniahas a separate monsoon. Monsoon means a seasonal reversing wind accompanied by its corresponding weather changes and natural calamities in precipitation. We cannot be said that a monsoon especially to be relevant to a particular country. In every country, every year, in a certain order seasonal winds are repeating. Each and every country has its own monsoon winds and weather conditions. Keeping in view of all above geographical facts and circumstances, after studying the weather conditions and natural disasters in the Argentina, I have proposed a time scale to measure the seasonal winds of the country that is the AlbaniaMonsoon Time scale.

This is very useful to study the Albaniaweather changes and natural calamities such as monsoon movements, rains and other weather changes in advance. The AlbaniaMonsoon Time Scale – a Chronological sequence of events arranged in between time and weather with the help of a scale for studying the past's, present and future movements of monsoon in the Albaniaand its relationship with rainfall and other weather conditions and natural calamities of the country.

Prepare the AlbaniaMonsoon Time Scale having 365 horizontal days from

March 21st to next year March 20th of a required period comprising of a large time and weather have been taken and framed into a square graphic scale. The main weather events if any of the Albaniahave been entering on the scale as per date and month of the each and every year. If we have been managing the scale in this manner continuously, we can study the past, present and future movements of the monsoon and other weather and its weather conditions and natural calamities of the country. The AlbaniaMonsoon Time Scale reveals many secrets of the monsoon and weather and its relationship with rainfall & other weather problems and natural calamities of the country. The tracking date of main path & other various paths of the monsoon winds on the graph, denotes the onset of the monsoon and weather changes, monsoon pulses or low pressure systems, cyclones and other disturbances etc. And also we can find out many more secrets of the monsoon or weather conditions of the Albaniasuch as droughts, famines, cyclones, heavy rains, floods etc in the country by keen study of the AlbaniaMonsoon Time Scale.

USES:

By development of the AlbaniaMonsoon Time Scale and maintain, the can be study and predict the monsoon movements, weather changes and its related impending weather conditions and natural calamities rains, floods, landslides, avalanches, blizzard and droughts, extreme winter conditions, heavy rainfall, mudflows, extreme weather, cyclones, cloud burst, sand storms, hails, and winds etc in advance.

GLOBAL MONSOON TIME SCALES:

The global Monsoon Time Scale – a Chronological sequence of events arranged in between time and weather with the help of a scale for studying the past's, present and future movements of monsoon of a country and its relationship with rainfall and other weather problem and natural calamities.

Prepare the Global Monsoon Time Scale having 365 horizontal days from March 21st to next year March 20th of a required period comprising of a large time and weather have been taken and framed into a square graphic scale. The main weather events if any of the country have been entering on the scale as per date and month of the each and every year. If we have been managing the scale of a country in this manner continuously, we can study the past, present and future movements of monsoon of a country. We can make separate monsoon time scales per each and every individual country.

GLOBAL MONSOON TIME SCALES	REGIONAL MONSOON TIME SCALES	SUB-REGIONAL MONSOON TIME SCALES
African Monsoon Time Scale	North American Monsoon Time Scale	South Asian Monsoon Time Scale
North American Monsoon Time Scale	North African Monsoon Time Scale	Maritime Continent Monsoon Time Scale
Asian Monsoon Time Scale	Indian Monsoon Time Scale	East African Monsoon Time Scale
Australian Monsoon Time Scale	Western North Pacific Monsoon Time Scale	West African Monsoon Time Scale
European Monsoon Time Scale	South American Monsoon Time Scale	Indo-Australian Monsoon Time Scale
	South African Monsoon Time Scale	Asian-Australian Monsoon Time Scale
	Australian Monsoon Time Scale	Malaysian Australian Monsoon Time Scale
	East Asian Monsoon Time Scale	Northern Australian Monsoon Time Scale
		Arizona Monsoon Time Scale
		Mexican Monsoon Time Scale
		South-West Monsoon Time Scale
		North-East Monsoon Time Scale
		South East Asian Monsoon Time Scale

INDIAN MONSOON TIME SCALE:

For example, I have prepared the monsoon time scale for India by preparing the scale having 365 horizontal days from 1st April to next year March 31st of 128 years from 1888 to 2016 of the required period comprising of large time and weather have been taken and framed into a square graphic scale. The monsoon pulses in the form of low pressure systems over the Indian region have been entering on the scale in stages by 1 for low, 2 for depression, 3 for storm, 4 for severe storm and 5 for severe storm with core of hurricane winds pertaining to the date and month of the each and every year. If we have been managing the scale in this manner continuously, we can study the past' present's and future's of the India Monsoon and its relationship with rainfall and other weather problems & natural calamities in India.

ANALYSIS:

The India Monsoon Time Scale reveals many secrets of the Indian monsoon and its relationship with rainfall & other weather problems and natural calamities.

For example, some bands, clusters and paths of low pressure systems along with the main paths of the Indian Monsoon (South-east monsoon and north-west monsoon) clearly seen in the map of the Indian monsoon it have been some cut-edged paths passing through its systematic zigzag cycles in ascending and descending orders which causes heavy rains & floods in some years and droughts & famines in another years according to their travel. For example, during 1871-1990's, the main path of the Indian Monsoon was rising over June, July, August and creating heavy rains and floods in most years. During 1900-1920's, it was raising over August, September and resulting good rainfall in more years. During 1965-2004's it was falling over September and causing low rainfall and droughts in many years. At present it is rising upwards over June, July, August, September and will be resulting heavy rains & floods in coming years during 2004-2060. The tracking date of main path & other various paths such as south-east monsoon and north-west monsoon etc., of the Indian Monsoon denotes the onset of the monsoon, monsoon pulses or low pressure systems. And also we can find out many more secrets of the Indian monsoon such as droughts, famines, cyclones, heavy rains, floods, real images of the Indian monsoon, and onset & withdrawals of south east monsoon and north-west monsoon etc. by keen study of the Indian Monsoon Time Scale.

PRINCIPLE:

This is an Astrogeophysical / Astrometeorological phenomenon of effects of astronomical bodies and forces on the earth's geophysical atmosphere. The cause is unknown however the year to year change of movement of axis of the earth inclined at 23½ degrees from vertical to its path around the sun does play a significant role in formation of clusters, bands & paths of the Indian Monsoon and stimulates the Indian weather. The inter-tropical convergence zone at the equator follows the movement of the sun and shifts north of the equator merges with the heat low pressure zone created by the rising heat of the sub-continent due to direct and converging rays of the summer sun on the India Sub-Continent and develops into the monsoon trough and maintain monsoon circulation.

CONCLUSION:

We can make many studies on the weather conditions and natural calamities of the country thus inventing many more forecasting systems and proposing mitigative measures for the welfare of people of the country Argentina.

REFERENCES

1.Mooley DA,Shukla J(1987); Characteristics of the west ward-moving summer monsoon low pressure systems over the Indian region and their relationship with the monsoon rainfall. Centre for ocean-land atmospheric interactions, university of Maryland, College Park, MD.

2. Das P.K. and B.L. Bose, 1958, Numerical study of movement of monsoon depression, Ind. journal of meteor geophysics,

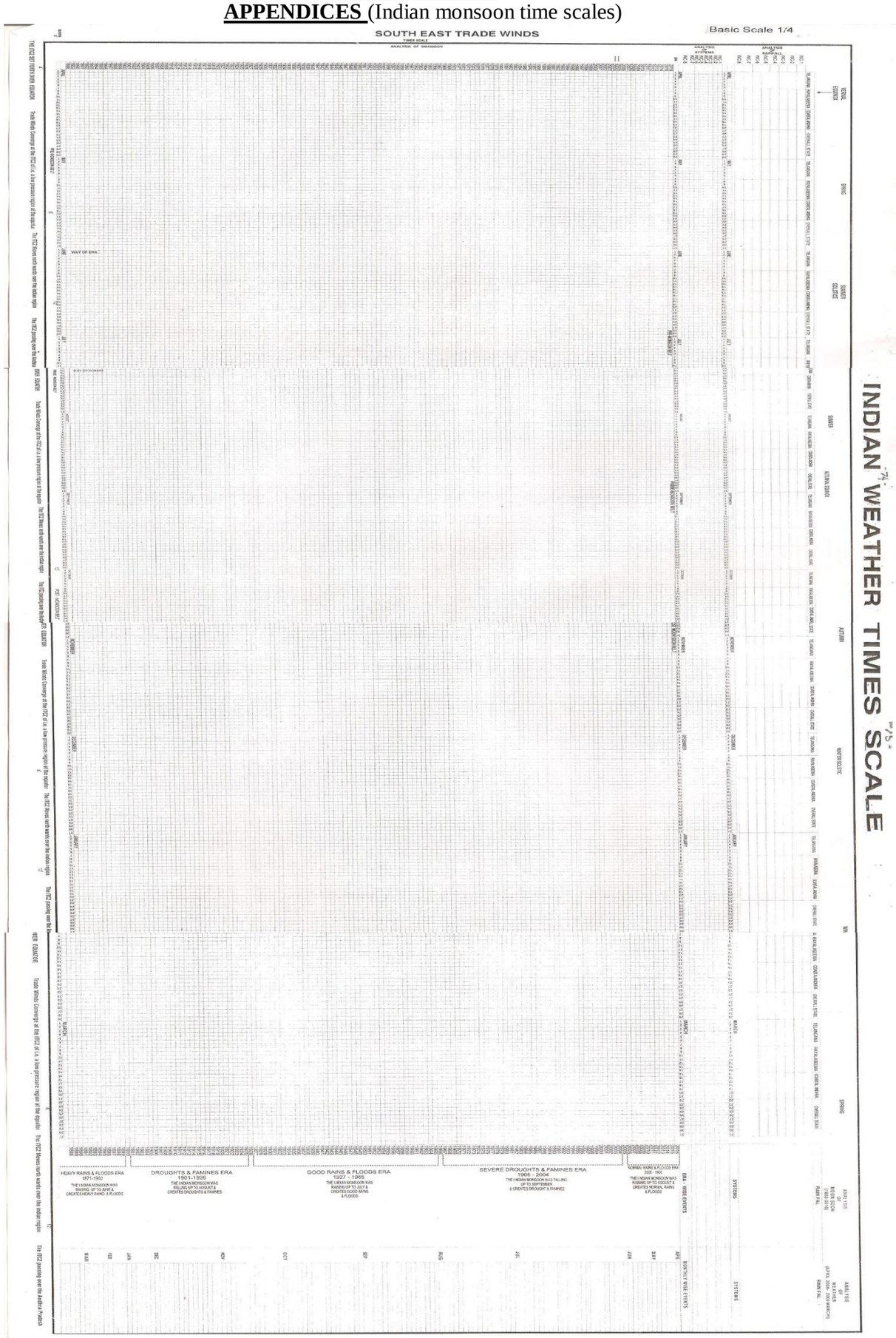
3. jadhav, S.K.and A.A.Munot, 2004; statistical study of the low pressure systems during summer monsoon season over the Indian region,mausam,55,15-30.

5. Clustering of low pressure system during the Indian summer monsoon by intra seasonal oscillations, bn.goswani,rs.ajaya mohan,prince kxavier,and d.sengupta, centre for atmospheric and oceanic studies, Indian institute of science ,bangolour, india.

6. Composite structure of monsoon low pressure system and its relation to Indian rainfall, v.krishna murthy and rs.ajaya mohan, 2010, j.climate, 23,4285-4305

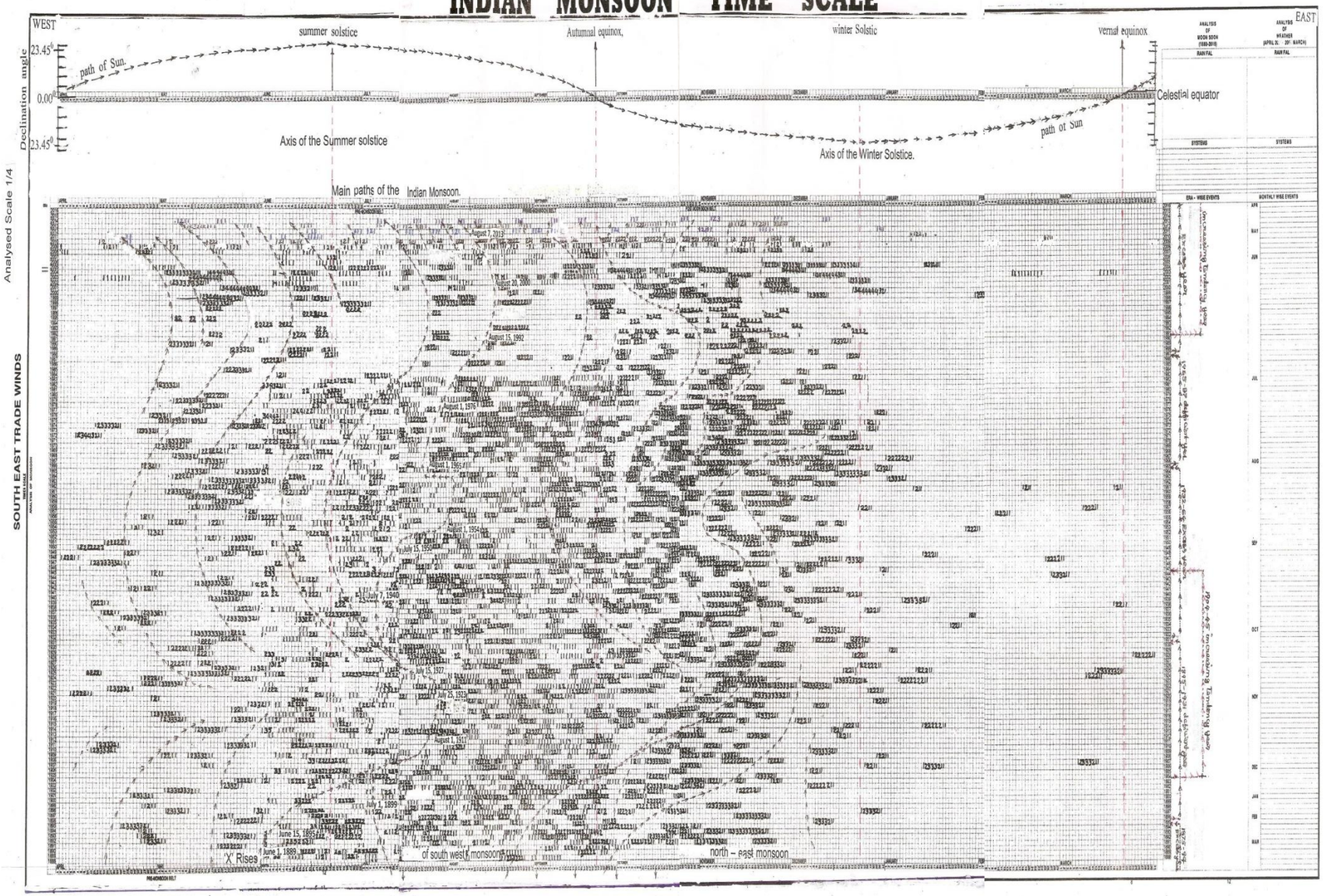
APPENDICIES

APPENDICES (Indian monsoon time scales)



filled Scaled 1/4

INDIAN MONSOON TIME SCALE



Basic Scale 1/4

SOUTH EAST TRADE WINDS

TIMES SCALE

ANALYSIS OF MONSOON

VERNAL EQUINOX

SPRING

SUMMER SOLSTICE

ANALYSIS OF RAINFALL

	TELANGANA	RAYALASEEMA	COASTAL ANDHRA	OVERALL STATE	TELANGANA	RAYALASEEMA	COASTAL ANDHRA	OVERALL STATE	TELANGANA	RAYALASEEMA	COASTA ANDHRA	OVERALL STATE	TELANGANA	RAYALA
WC-1														
WC-2														
WC-3														
WC-4														
WC-5														
WC-6														
WC-7														
WC-8														

ANALYSIS OF WC SYSTEMS

	APRIL	MAY	JUNE	JULY
WC-1				
WC-2				
WC-3				
WC-4				
WC-5				
WC-6				
WC-7				
WC-8				

ERA

	APRIL	MAY	JUNE	JULY
2016				PRE-MONSOON BELT
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2011				
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1889				
1888				

WAY OF ERA

QUATOR 0°

PRE-MONSOON BELT

4°

8°

12°

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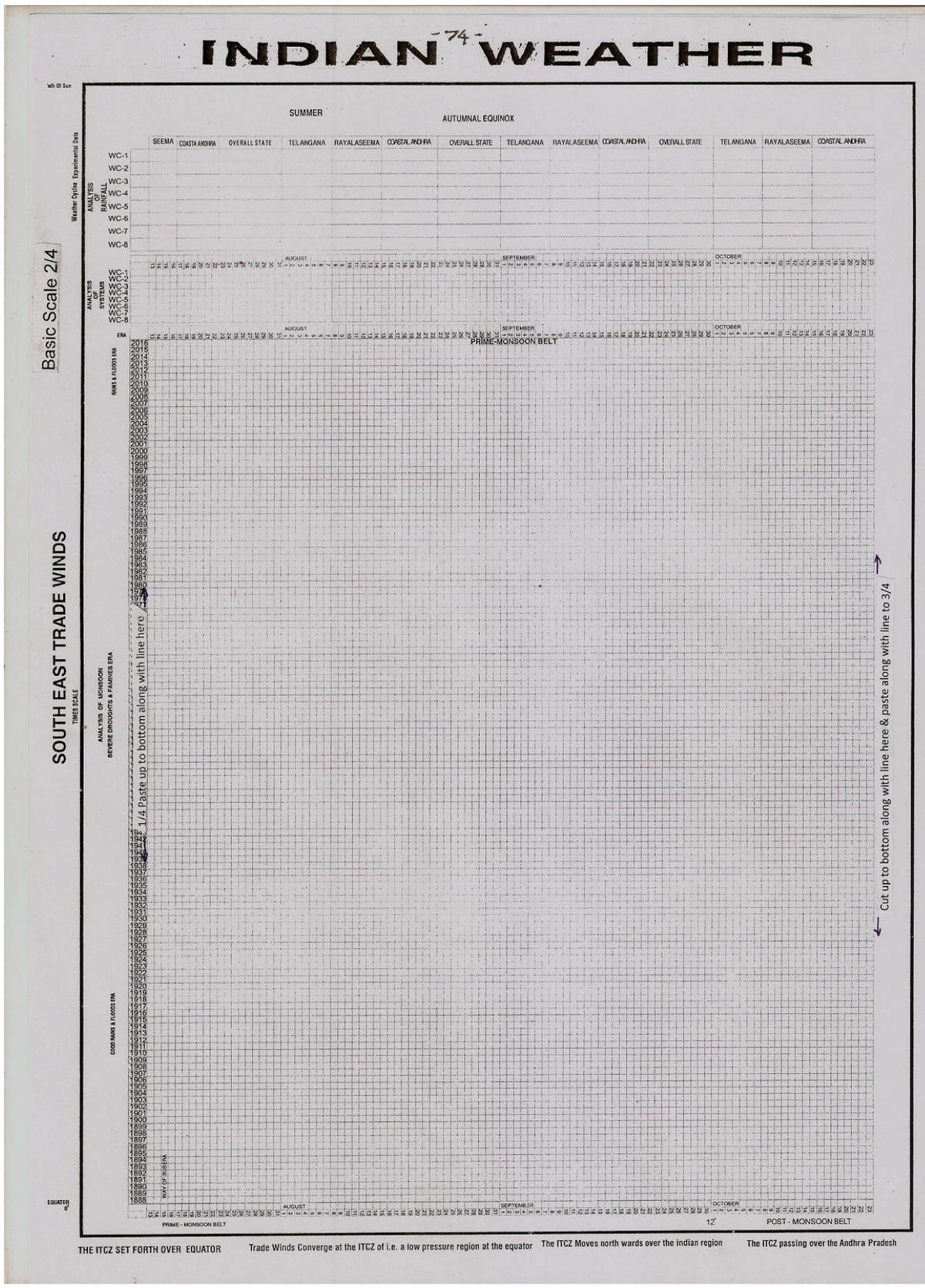
THE ITCZ SET FORTH OVER EQUATOR

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator

The ITCZ Moves north wards over the indian region

The ITCZ passing over the Andhra Pradesh

INDIAN WEATHER



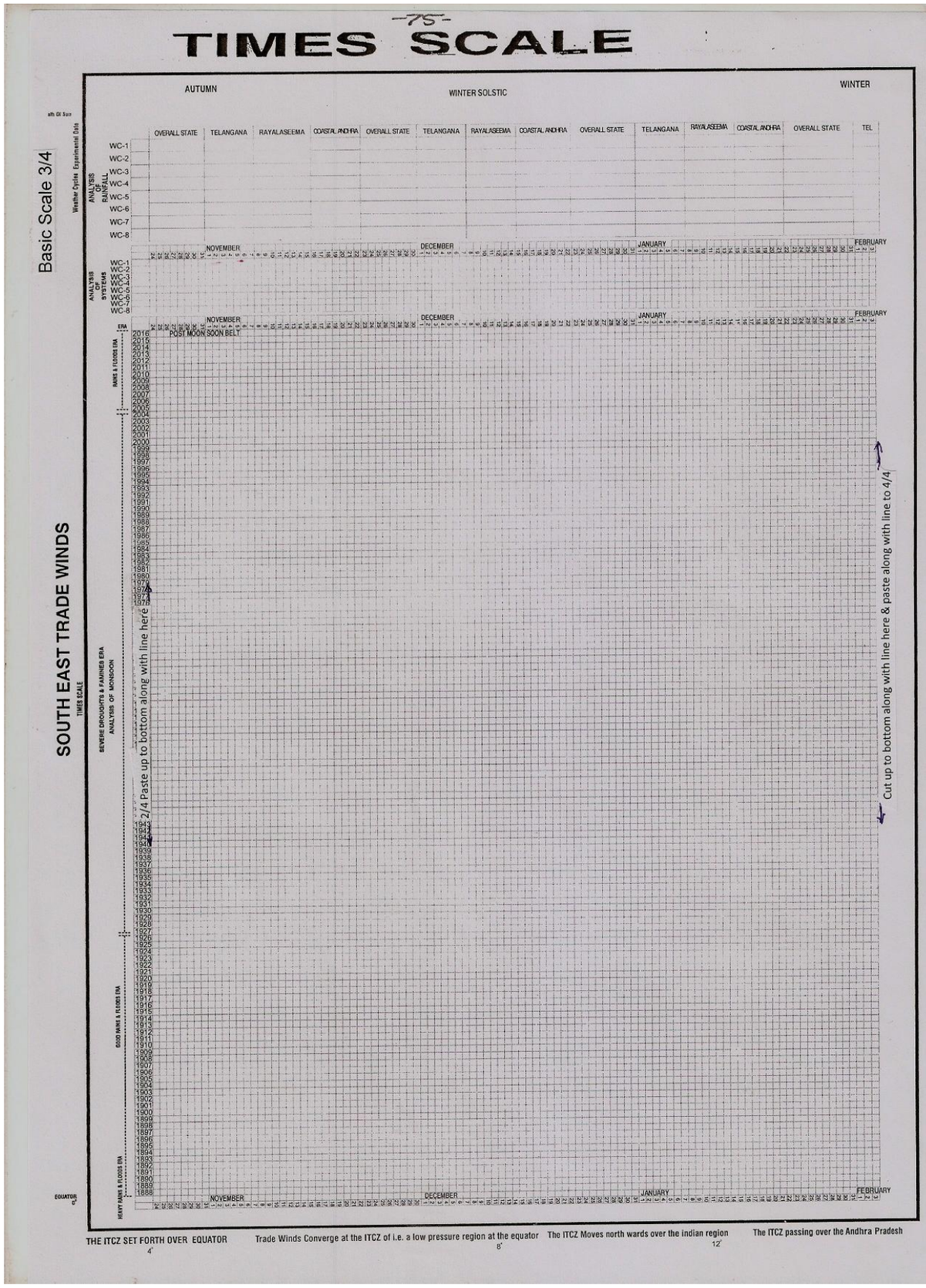
THE ITCZ SET FORTH OVER EQUATOR

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator

The ITCZ Moves north wards over the indian region

The ITCZ passing over the Andhra Pradesh

TIMES SCALE


Basic Scale 3/4
SOUTH EAST TRADE WINDS
TIMES SCALE
SEVERE DROUGHTS & FAMINES ERA
ANALYSIS OF MONSOON
GOOD RAINS & FLOODS ERA
HEAVY RAINS & FLOODS ERA
Weather Cycles Experimental Data
ANALYSIS OF RAINFALL
ANALYSIS OF SYSTEMS
AUTUMN
WINTER SOLSTIC
WINTER
OVERALL STATE
TELANGANA
RAYALASEEMA
COASTAL ANDHRA
WC-1
WC-2
WC-3
WC-4
WC-5
WC-6
WC-7
WC-8
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
ERA
POST MOON SOON BELT
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2/4 Paste up to bottom along with line here
EQUATOR
THE ITCZ SET FORTH OVER EQUATOR
4'
Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator
8'
The ITCZ Moves north wards over the indian region
12'
The ITCZ passing over the Andhra Pradesh

Basic Scale 4/4

Path Of Sun

Weather Cycles Experimental Data

SOUTH EAST TRADE WINDS

TIMES SCALE

ANALYSIS OF MONSOON

SPRING

ANGANA | RAYALASEEMA | COASTA ANDHRA | OVERALL STATE | TELANGANA | RAYALASEEMA | COASTAL ANDHRA | OVERALL STATE

ANALYSIS OF RAINFALL

WC-1 WC-2 WC-3 WC-4 WC-5 WC-6 WC-7 WC-8

MARCH

ANALYSIS OF SYSTEMS

WC-1 WC-2 WC-3 WC-4 WC-5 WC-6 WC-7 WC-8

MARCH

ANALYSIS OF MOON SOON (1888-2016)

RAIN FAL

SYSTEMS

ANALYSIS OF WEATHER (APRIL 2008- 2009 MARCH)

RAIN FAL

SYSTEMS

ERA - WISE EVENTS

MONTHLY WISE EVENTS

APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR

NORMAL RAINS & FLOODS ERA 2005 - 1930

THE INDIAN MONSOON WAS RAISING UP TO AUGUST & CREATES NORMAL RAINS & FLOODS

SEVERE DROUGHTS & FAMINES ERA 1965 - 2004

THE INDIAN MONSOON WAS FALLING UP TO SEPTEMBER & CREATES DROUGHT & FAMINES

GOOD RAINS & FLOODS ERA 1927 - 1965

THE INDIAN MONSOON WAS RAISING UP TO JULY & CREATES GOOD RAINS & FLOODS

DROUGHTS & FAMINES ERA 1901-1926

THE INDIAN MONSOON WAS FALLING UP TO JULY & CREATES DROUGHTS & FAMINES

HEAVY RAINS & FLOODS ERA 1871-1900

THE INDIAN MONSOON WAS RAISING UP TO JUNE & CREATES HEAVY RAINS & FLOODS

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EQUATOR

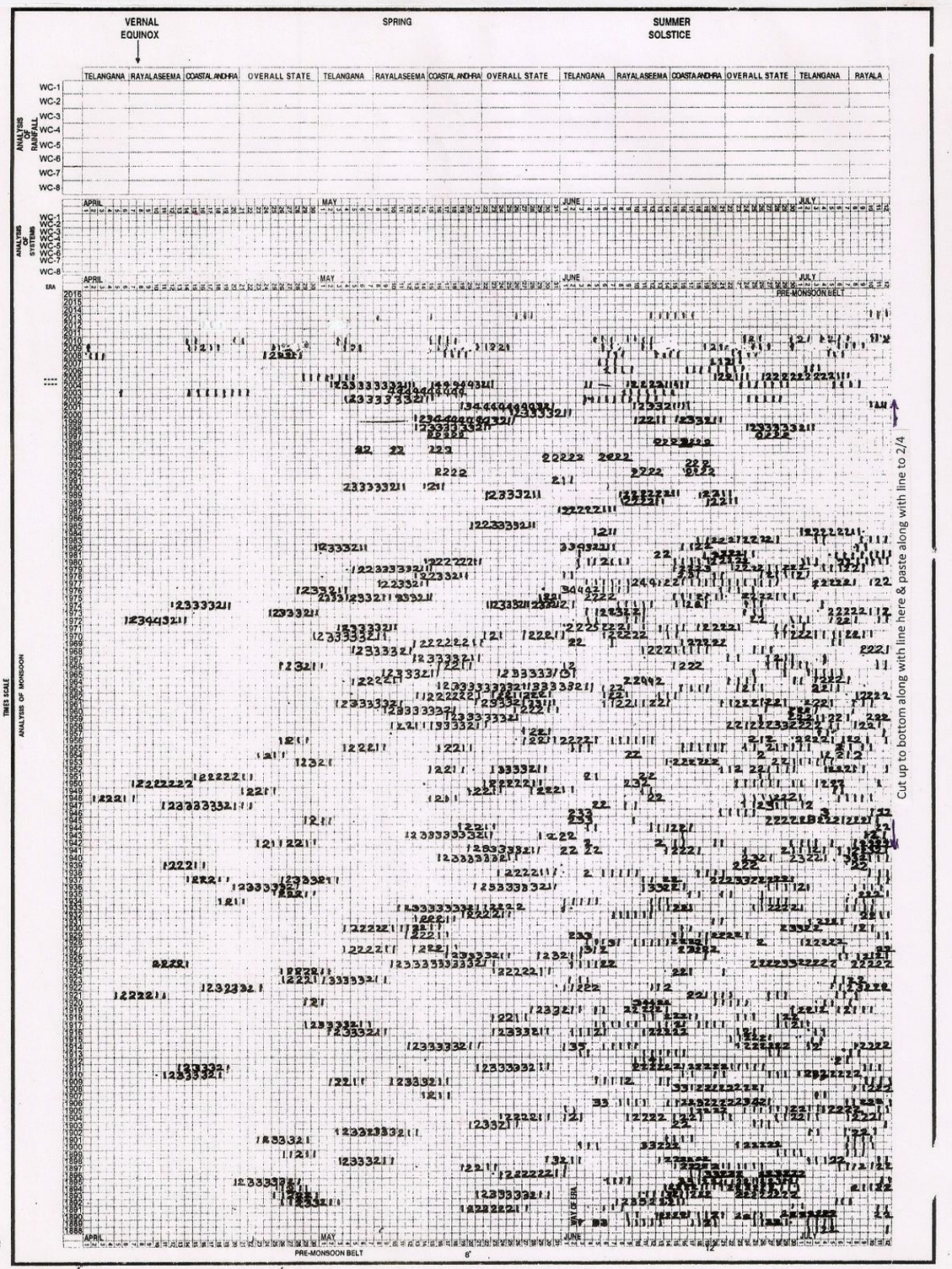
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THE ITCZ SET FORTH OVER EQUATOR

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator

The ITCZ Moves north wards over the indian region

The ITCZ passing over the Andhra Pradesh

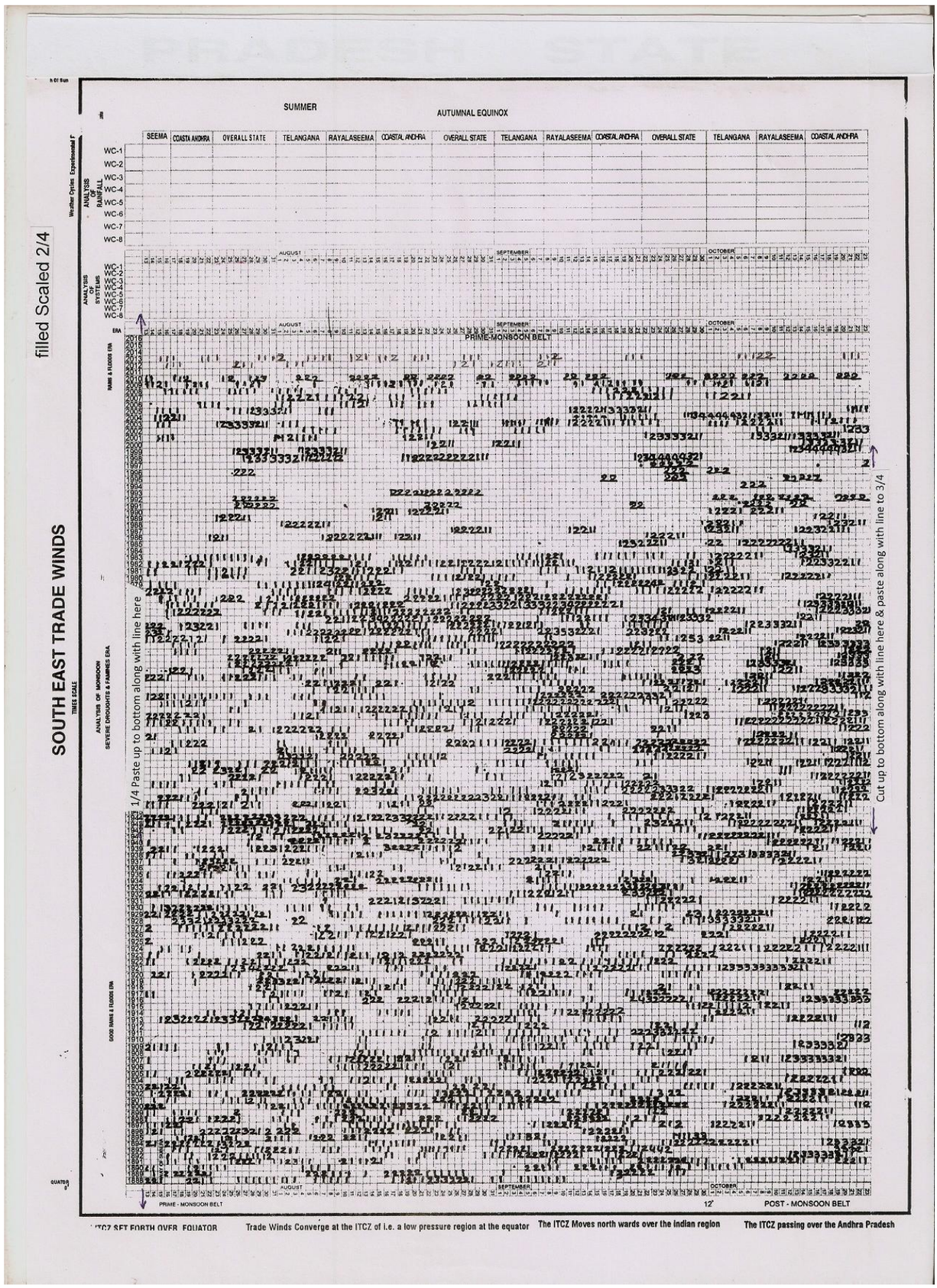


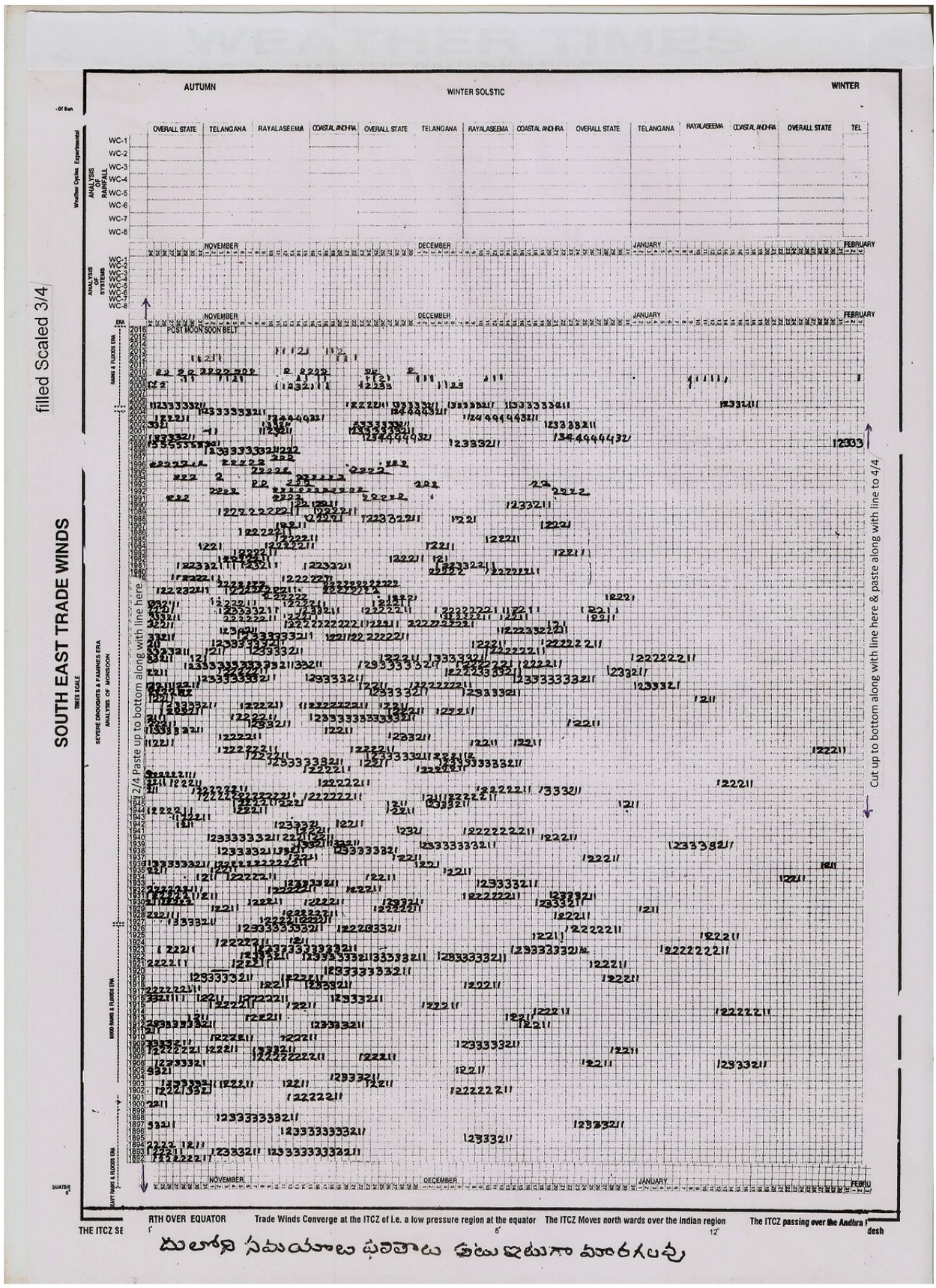
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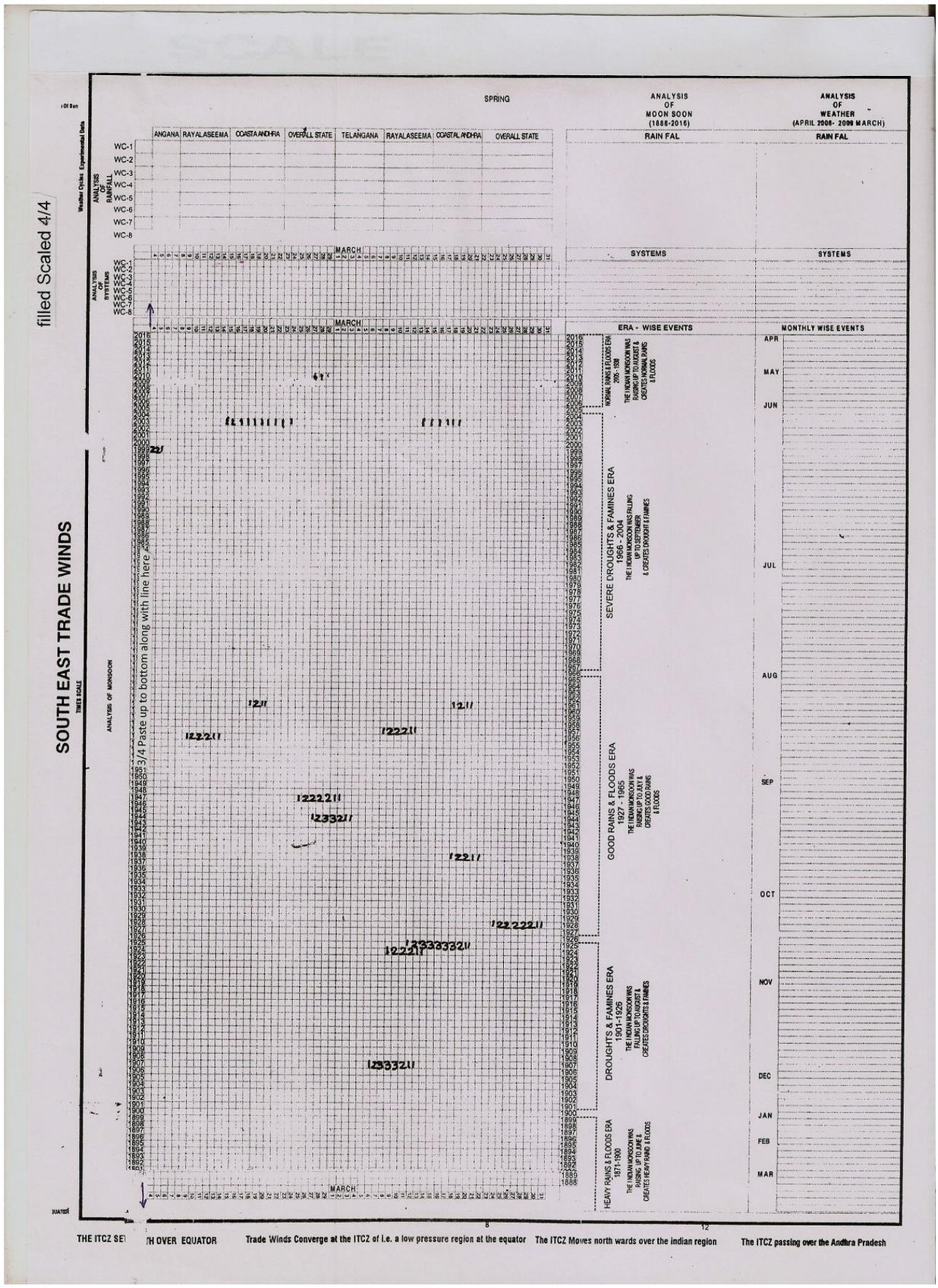
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SOUTH EAST TRADE WINDS

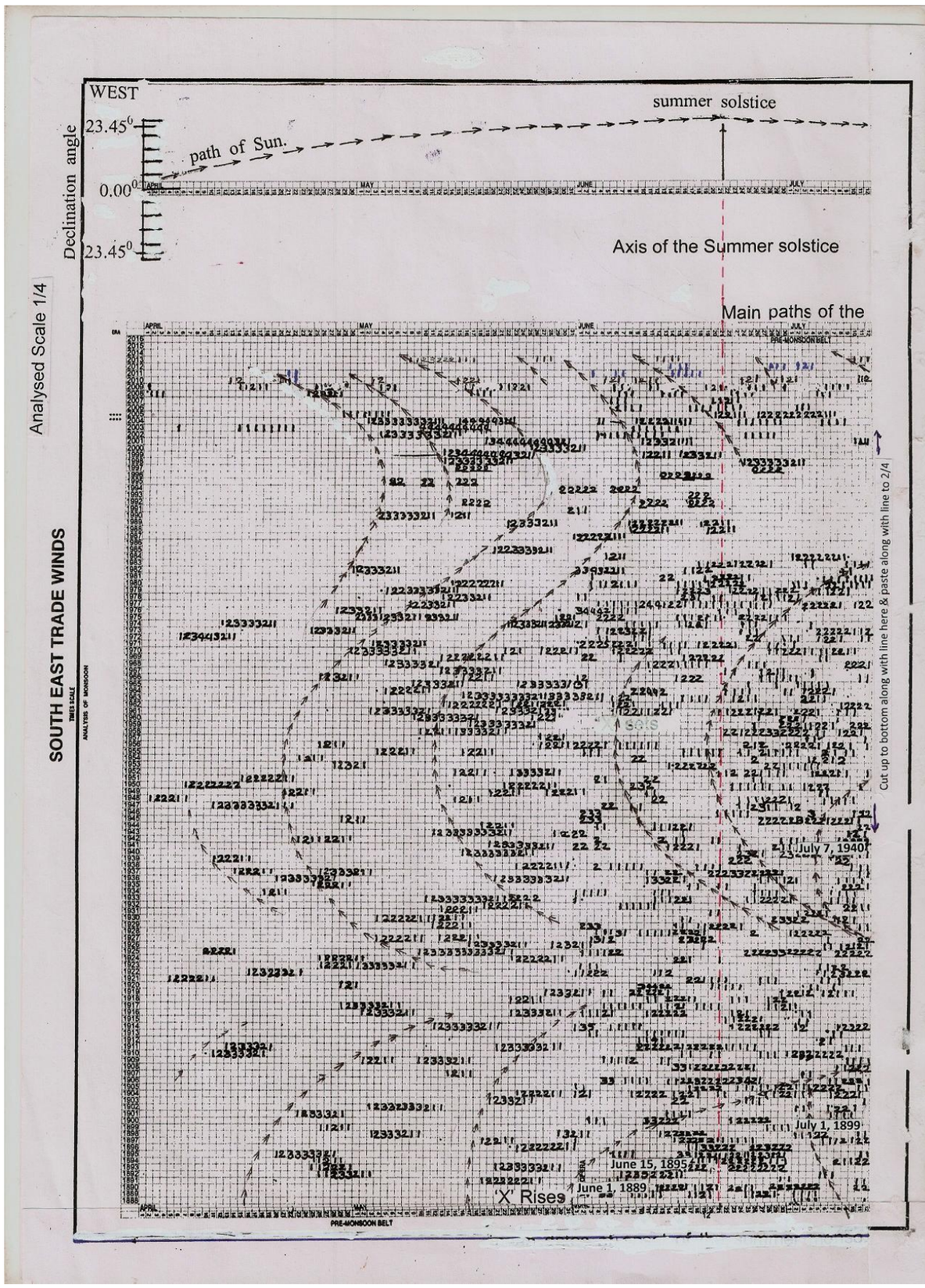




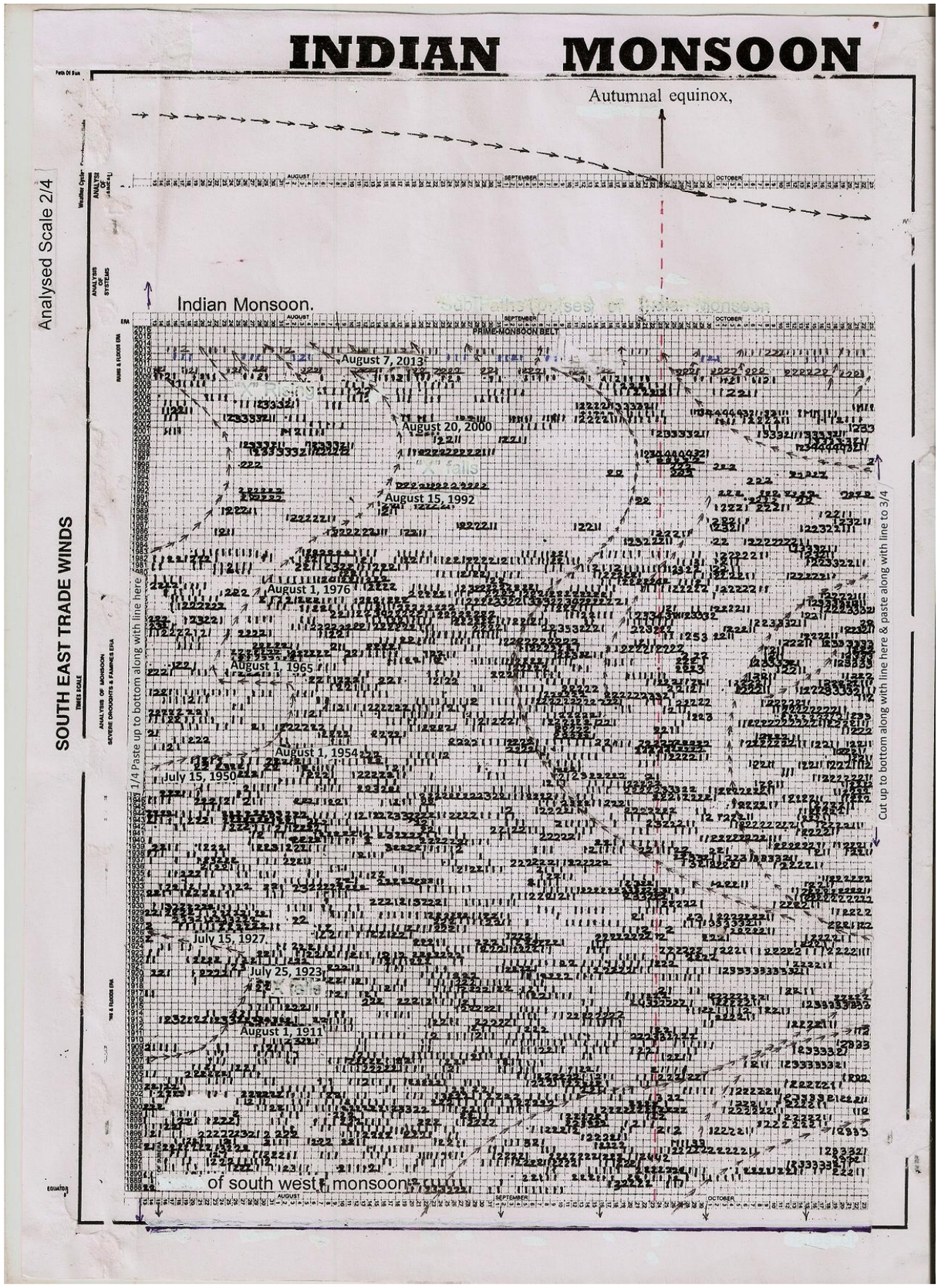
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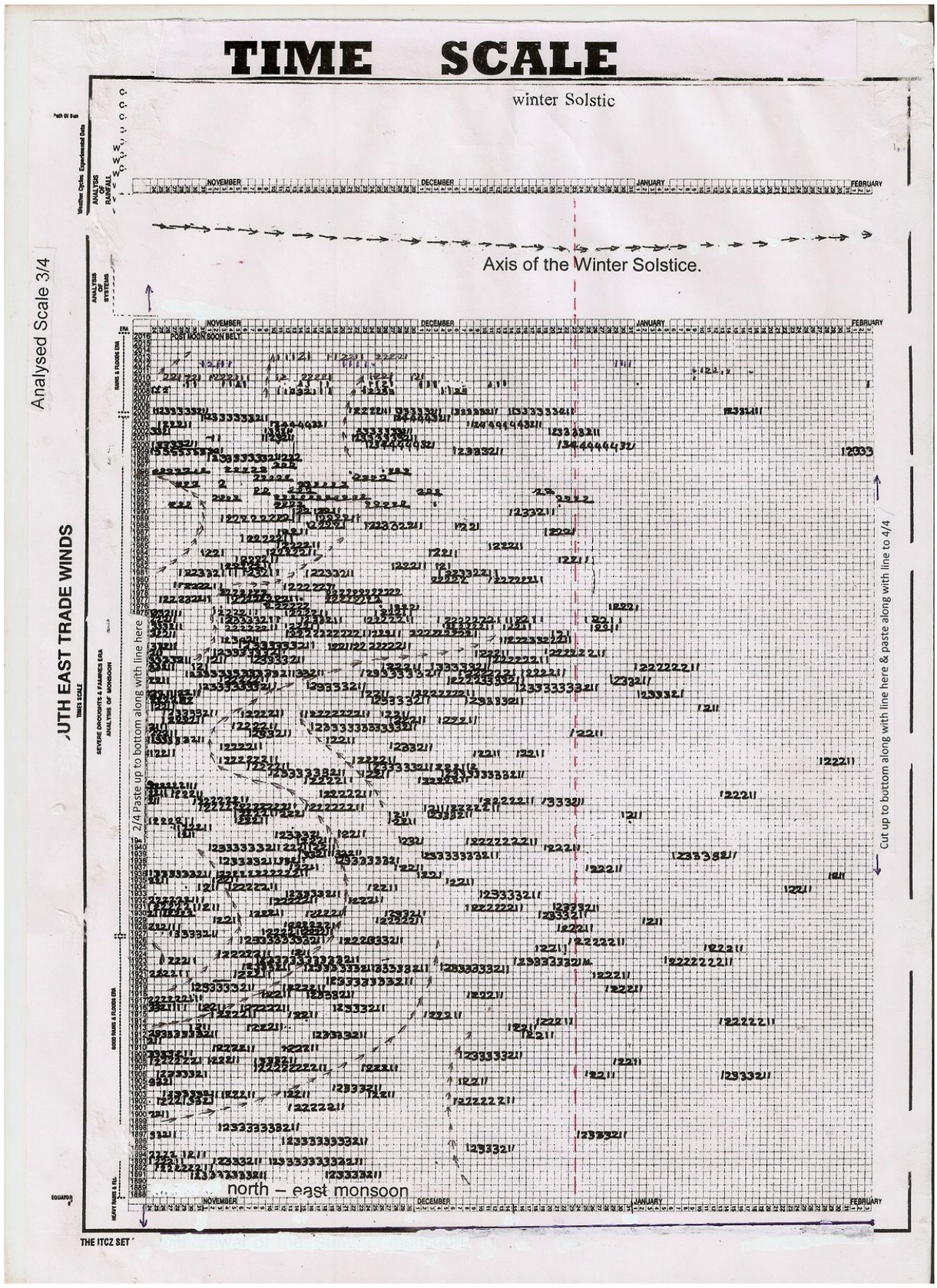
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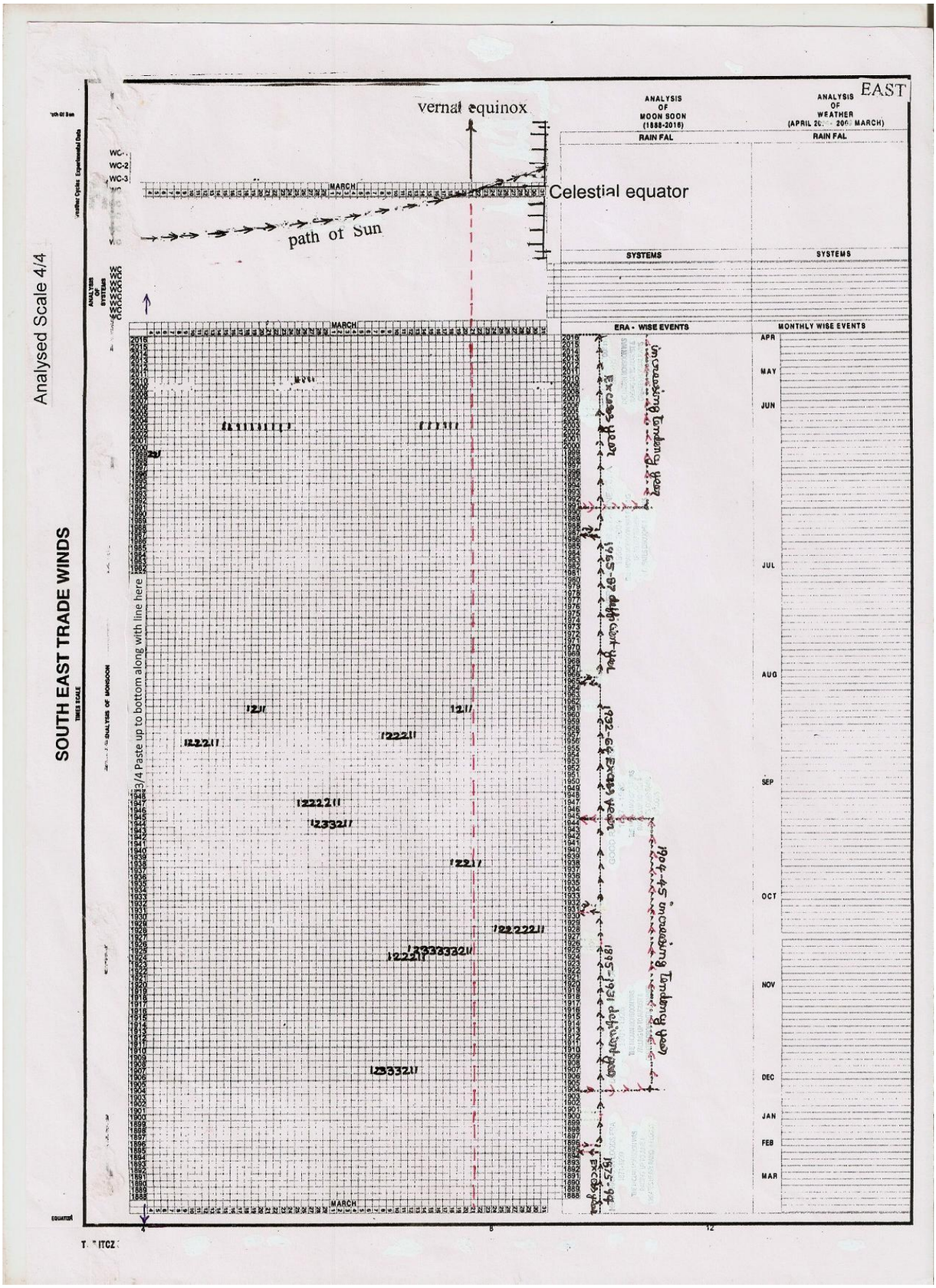

WEST
summer solstice
23.45⁰
path of Sun.
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APRIL
MAY
JUNE
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Axis of the Summer solstice
Main paths of the
PRE-MONSOON BELT
SOUTH EAST TRADE WINDS
Analysed Scale 1/4
ANALYSIS OF MONSOON
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July 7, 1940
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INDIAN MONSOON



TIME SCALE

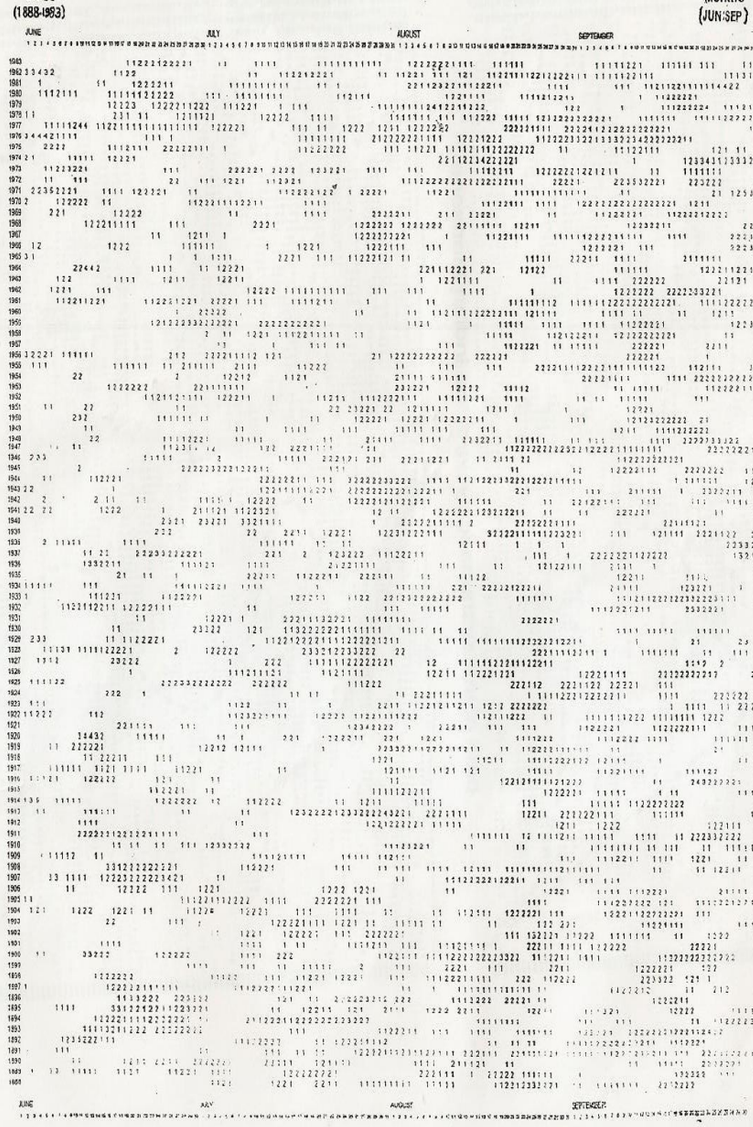

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Axis of the Winter Solstice.
POST NOON SOON BELT
north – east monsoon
Analysed Scale 3/4
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UTH EAST TRADE WINDS
THE ITCZ SET


EAST
vernal equinox
Celestial equator
path of Sun
MARCH
ANALYSIS OF MOON SOON (1888-2018)
ANALYSIS OF WEATHER (APRIL 20 - 206 MARCH)
RAIN FAL
SYSTEMS
ERA - WISE EVENTS
MONTHLY WISE EVENTS
APR
MAY
JUN
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AUG
SEP
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SOUTH EAST TRADE WINDS
Analysed Scale 4/4
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MAP OF THE INDIAN MONSOON

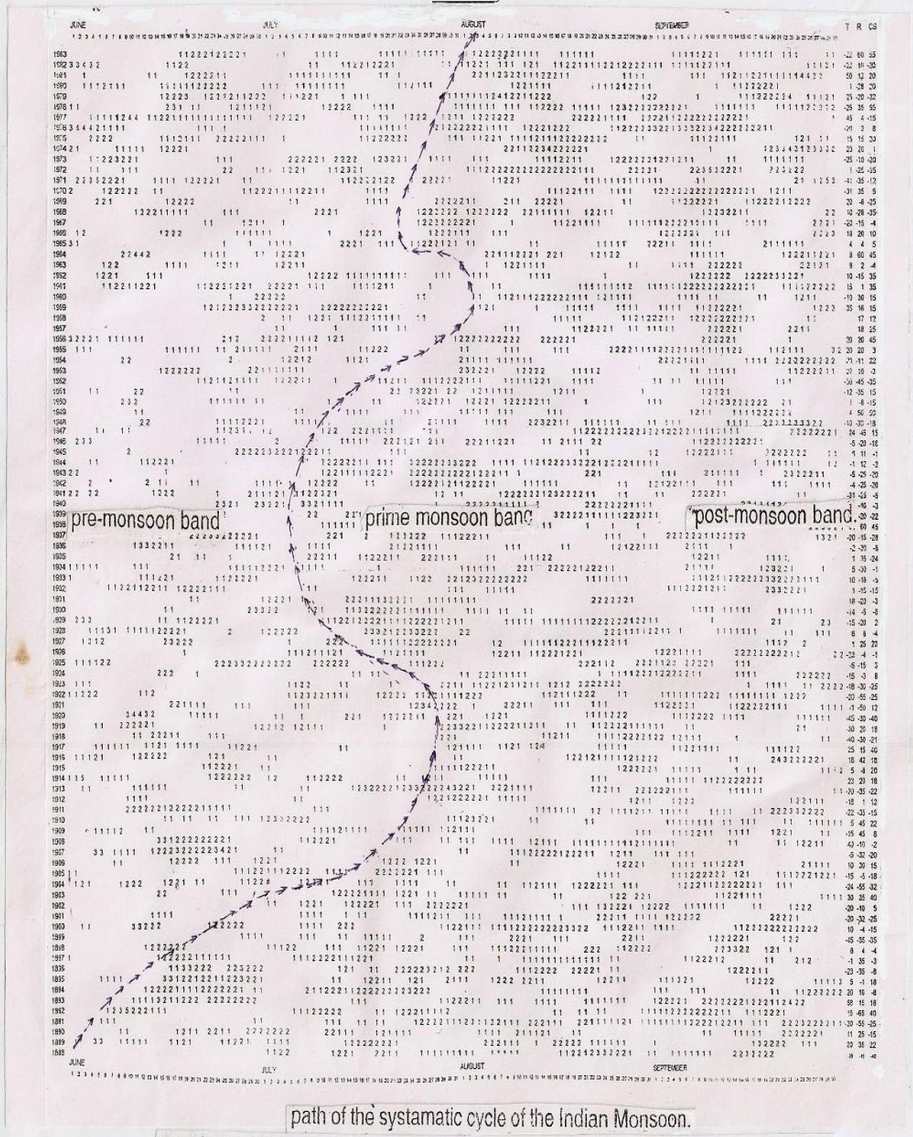
ANALYSIS OF Years (1888-1983)

ANALYSIS OF Months (JUN:SEP)



Computerised basic scale from 1888 year to 1983 year for the months of 1st June to September, 31st

ANALYSIS



path of the systamatic cycle of the Indian Monsoon.

Computerised analysed scale from 1888 year to 1983 year for the months of 1st June to September, 31st.